

D-Link®

Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6x or Netscape Navigator 7x.



DSL-G684T
Wireless ADSL Router

Before You Begin

1. If you purchased this Router to share your high-speed Internet connection with other computers, you must have an established Internet account from an Internet Service Provider (ISP).
2. It's best to use the same computer that is connected to your router for configuring the DSL-G684T Wireless ADSL Router. The DSL-G684T acts as a DHCP server and will assign all the necessary IP address information on your network. See below in this Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.

Check Your Package Contents



DSL-G684T ADSL Router



CD-ROM (containing Manual)



Ethernet (CAT5 UTP) Cable



Telephone Cable



Power Adapter

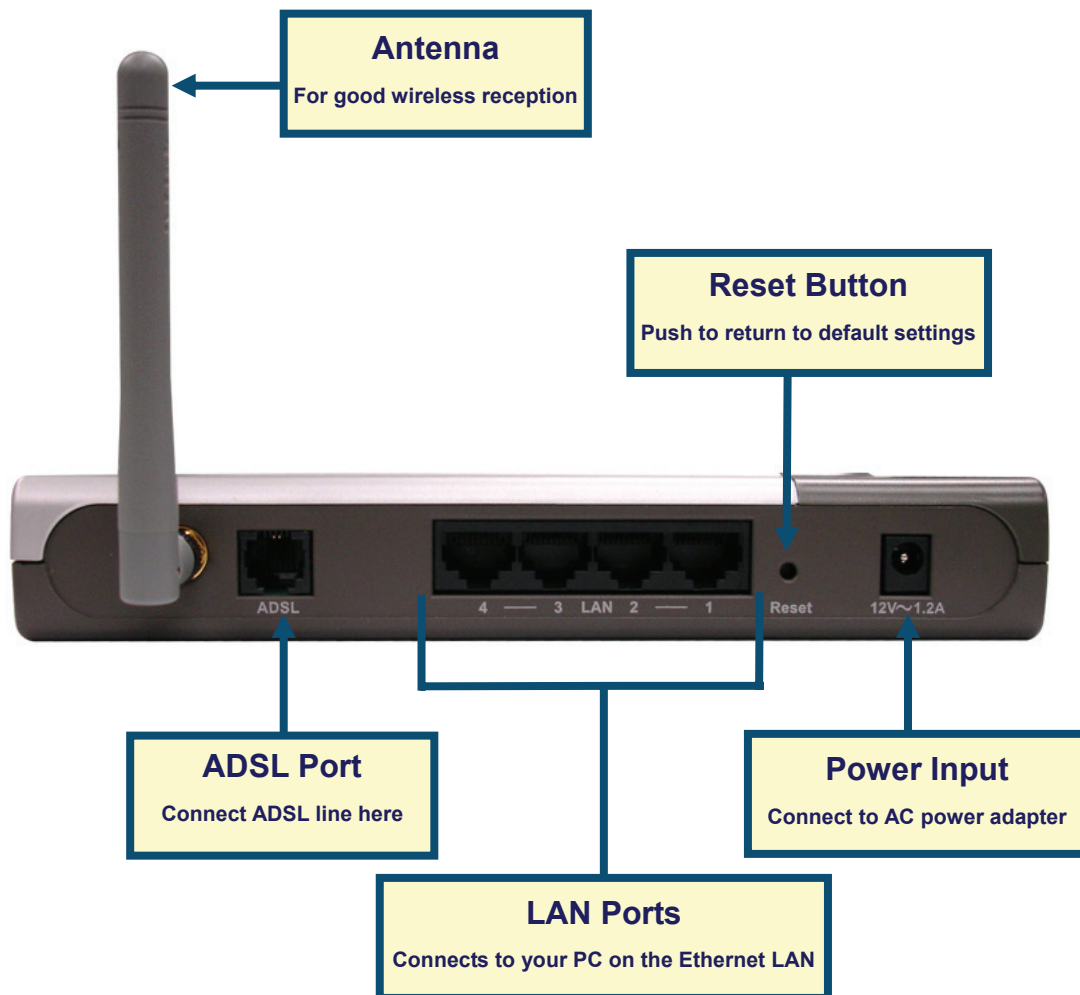


Using a power supply with a different voltage rating will damage and void the warranty for this product.

If any of the above items is missing, please contact your reseller.

1

Connecting the Router to Your Computer



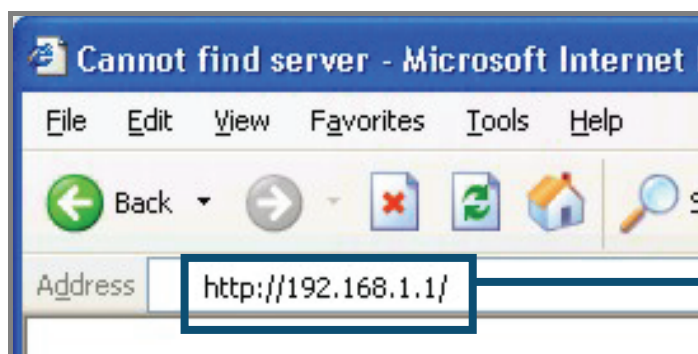
- A.** First, connect the power adapter to the power input at the back panel of the DSL-G684T, then plug the other end of the power adapter to a wall outlet or power strip. On the front of the device, the Power LED will turn ON to indicate proper operation.
- B.** Insert one end of the Ethernet cable into an Ethernet (LAN) port on the back panel of the DSL-G684T and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.
- C.** Insert the ADSL (telephone) cable included with the Router into the ADSL port, then connect the cable to your telephone line.

2 Configuring the Router

You can select two methods to configure your new router. The first method is by using **D-Link Click'n Connect Utility**, which is included on the CD designed to run on Windows XP/2000. Just follow the instructions step by step to configure your router for Internet access for the first time.

The second method is to use your Web browser to access the built in web server pages used to setup the Router, your computer must be configured to "Obtain an IP address automatically", that is, you must change the IP network settings of your computer so that it is a DHCP Client. If you are using Windows XP and do not know how to change your network settings, skip ahead to Appendix and read the instructions provided. You may also read the User Manual for instructions on changing IP settings for computers running Windows operating systems.

To connect to the network, make sure the network adapter in your computer is configured properly. Read the Appendix at the end of this guide to read how to configure the network adapter to obtain an IP address automatically using Windows XP.



Open your Web browser and type **"http://192.168.1.1"** into the URL address box. Then press the **Enter** or **Return** key. The login prompt appears.



Type **"admin"** for the **User Name** and **"0000"** in the **Password** field.

Click **OK**

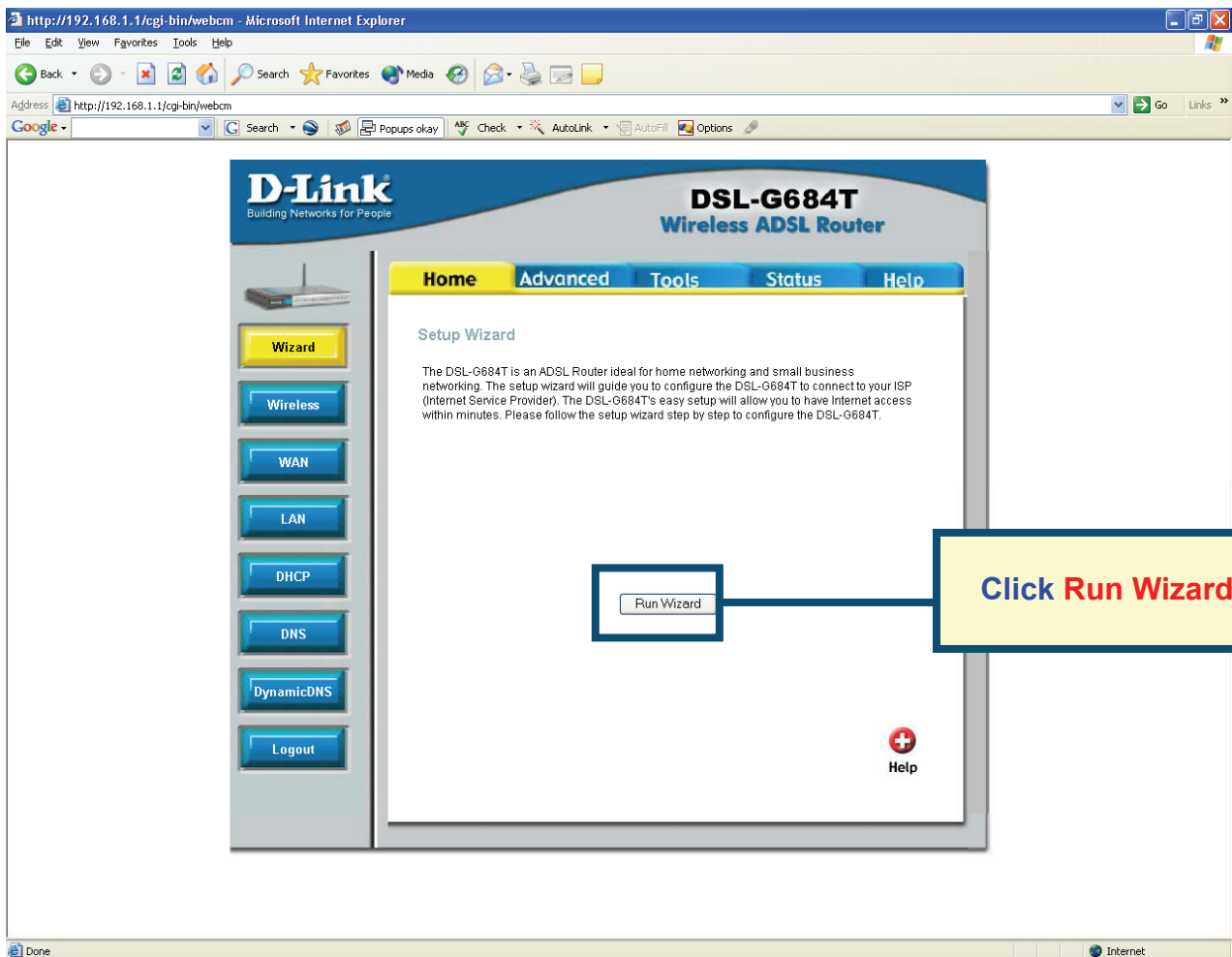
2

Configuring the Router (continued)

Once you have logged in, the **Home** directory tab is prominent with the **Setup Wizard** menu displayed. Most users will be able to use the Setup Wizard to establish the ADSL connection to your ADSL Internet Service Provider (ISP). To begin using the Setup Wizard, click on the **Run Wizard** button in the middle of the web page. A pop-up menu will appear. This pop-up menu is the **Setup Wizard**. The Setup Wizard procedure consists of three general steps:

1. Choose your time zone
2. Set Internet connection
3. Save & Restart

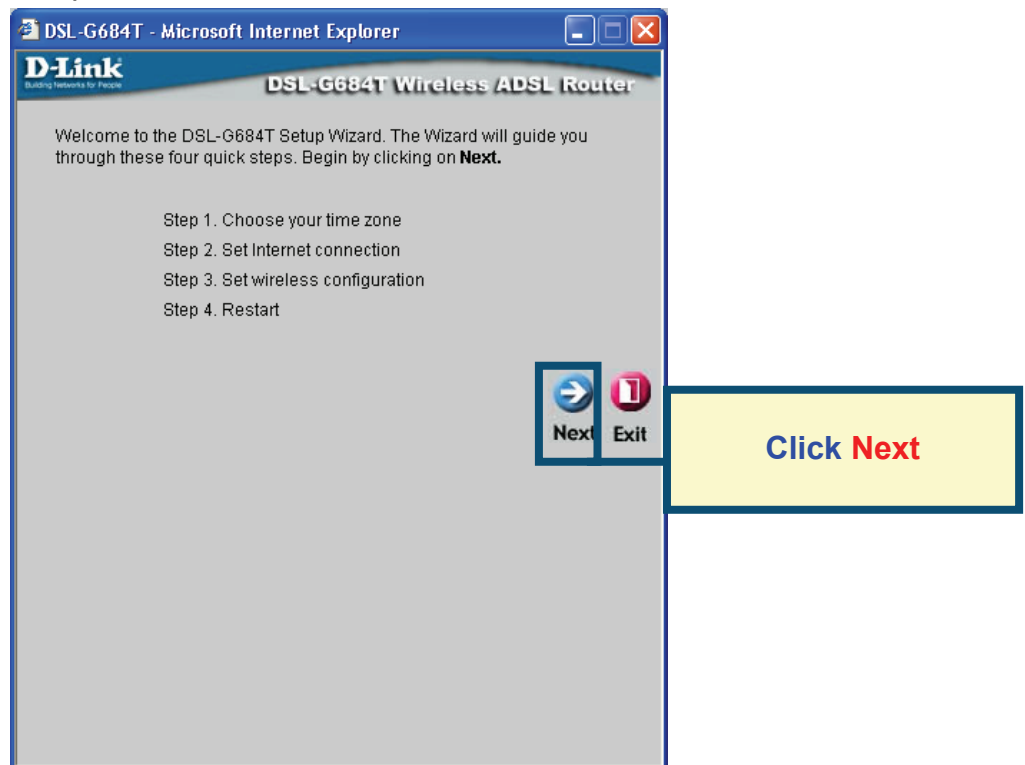
Please see the user manual for information on setting up wireless operation.



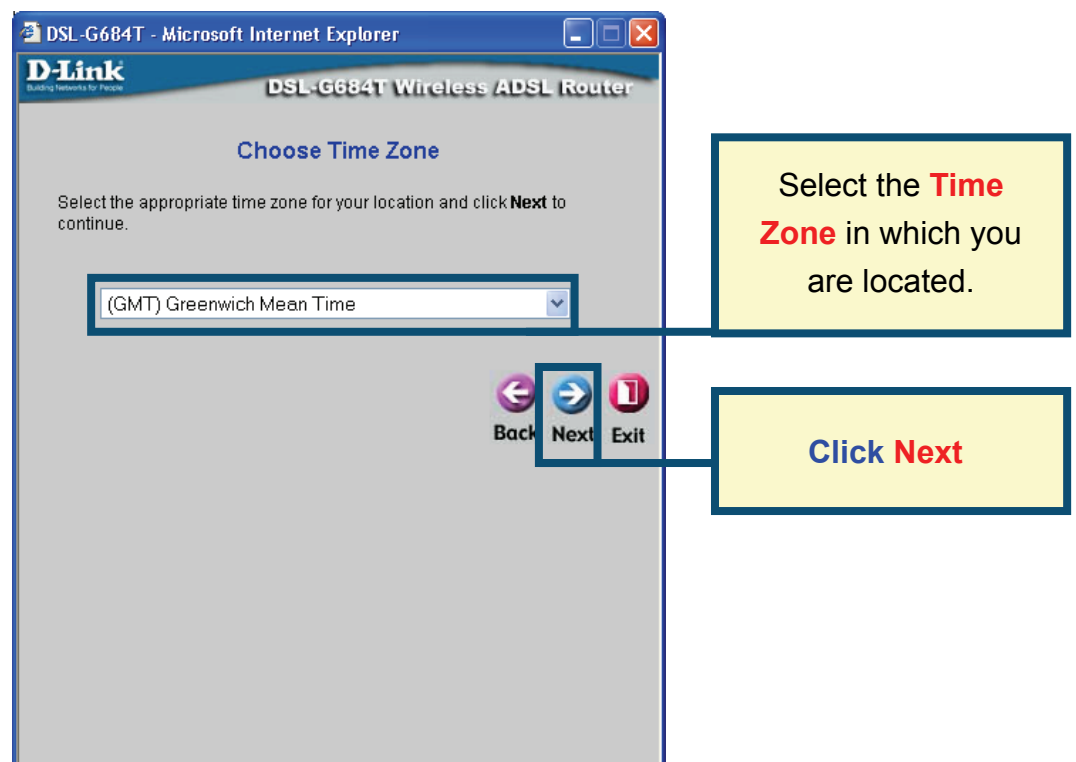
2

Configuring the Router (continued)

The first Setup Wizard menu lists a summary of the steps required to complete the setup. Click the **Next** button to begin setup.



Now configure the **Time Zone** used for the Router's system clock. Select the appropriate time zone setting for your location.



2

Configuring the Router (continued)

Next you will **Select the Internet Connection Type** for the WAN interface. Your ISP has given this information to you. If you do not know what type of connection to use, exit the Setup Wizard and contact your ISP for the information. The Setup wizard menu that appears when you click the **Next** button depends on what connection type you select. The connection types available in the Setup Wizard menu are PPPoE/PPPoA, Dynamic IP Address, Static IP Address and Bridge Mode. Follow the instructions below for the type of connection you are using.

Select the
Connection Type
used for your
ADSL service.

Click **Next**

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Select Internet Connection Type (WAN)

Select the connection type to connect to your ISP. Click **Next** to continue

☒ PPPoE/PPPoA

☐ Dynamic IP Address

☐ Static IP Address




☐ Bridge Mode

Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)

Choose this option to obtain an IP address automatically from your ISP.

Choose this option to set static IP information provided to you by your ISP.

Choose this option if your ISP uses Bridge Mode.

Back Next Exit

2

Configuring the Router (continued)

PPPoE/PPPoA Connections

If you selected the PPPoE/PPPoA connection type in the previous menu, you will see the Setup Wizard menu pictured here. Type in the **Username** and **Password** used to identify and verify your account to the ISP. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Select the **Connection Type** used for encapsulation specific to your service. Click **Next** when you are ready to continue the **Setup Completed** menu.

Type the **Username** and **Password** for your ISP account.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

Select the **Connection Type** used for your ADSL service.

Click the **Next** button. Skip ahead to the **Set Wireless LAN** menu.

The **Set Wireless LAN Connection** window is for the wireless side of your router. Enter the WLAN name for your network in the **SSID** field and choose the wireless channel to be used for your WLAN from the **Channel** pull down menu.

Click the **Next** button. Skip ahead to the **Setup Completed** menu.

2

Configuring the Router (continued)

Dynamic IP Address Connections

If you selected the Dynamic IP Address connection type, select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the Setup Completed menu.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

Select the **Connection Type** used for your ADSL service.

The **“Clone MAC Address”** button will automatically copy the MAC address of the network adapter in your computer. You can also manually type in the MAC address.

Click the **Next** button. Skip ahead to the **Setup Completed** menu.

The screenshot shows the 'Set Dynamic IP Address' configuration page for a D-Link DSL-G684T Wireless ADSL Router. The page includes fields for VPI (8), VCI (35), Connection Type (1483 Bridged IP LLC), and Cloned MAC Address (00:0f:3d:a8:98:8c). There is a 'Clone MAC Address' button and a 'Next' button. A yellow callout box explains what a MAC address is. The 'Next' button is highlighted with a blue box and a line pointing to the instruction in the left sidebar.

Some ISP's store the MAC address of your computer's Ethernet address on their DHCP server. This can cause problems for the Router and other computers connecting through the Router. To use the MAC address from your computer, type the MAC address of your computer's Ethernet adapter in the **Cloned MAC Address** entry field and click the Clone MAC Address button to save to transfer it to the Router.

2

Configuring the Router (continued)

Static IP Address Connections

If you selected the Static IP Address connection type, change the **WAN IP Address**, **Subnet Mask**, **ISP Gateway Address** and (if available) **Secondary DNS Server** IP address as instructed by your ISP. Select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the **Setup Completed** menu.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

Type the IP addresses for the WAN **IP Address**, WAN **Subnet Mask**, **ISP Gateway Address** and **Primary/Secondary DNS Server**.

Select the **Connection Type** as instructed by your ISP.

Click the **Next** button. Skip ahead to the **Setup Completed** menu.

The screenshot shows the 'Set Static IP Address' configuration page for a D-Link DSL-G684T Wireless ADSL Router. The page is titled 'DSL-G684T - Microsoft Internet Explorer' and 'DSL-G684T Wireless ADSL Router'. The main heading is 'Set Static IP Address'. Below the heading, it says 'Enter the static IP information provided to you by your ISP. Click **Next** to continue.'

The form contains the following fields:

- VPI: 8
- VCI: 35
- IP Address: 0.0.0.0
- Subnet Mask: (empty)
- ISP Gateway Address: (empty)
- ARP Server Address: 0.0.0.0
- Primary DNS Address: 168.95.1.1
- Secondary DNS Address: (empty)
- Connection Type: 1483 Routed IP LLC (dropdown menu)

At the bottom right, there are three buttons: 'Back' (left arrow), 'Next' (right arrow), and 'Exit' (stop sign). The 'Next' button is highlighted with a blue box.

For some IPoA Static IP Address Connection Types, it may be necessary to enter an IP address for an ARP server. Use the **ARP Server Address** entry field for IPoA connections if necessary.

2

Configuring the Router (continued)

Bridge Connections

If you selected the Bridge connection type, select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the **Setup Completed** menu.

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Setting Bridge Mode

Enter the bridge information provided to you by your ISP. Click **Next** to continue.

VPI: 8

VCI: 35

Connection Type: 1483 Bridged IP LLC

Back Next Exit

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

Select the **Connection Type** as instructed by your ISP.

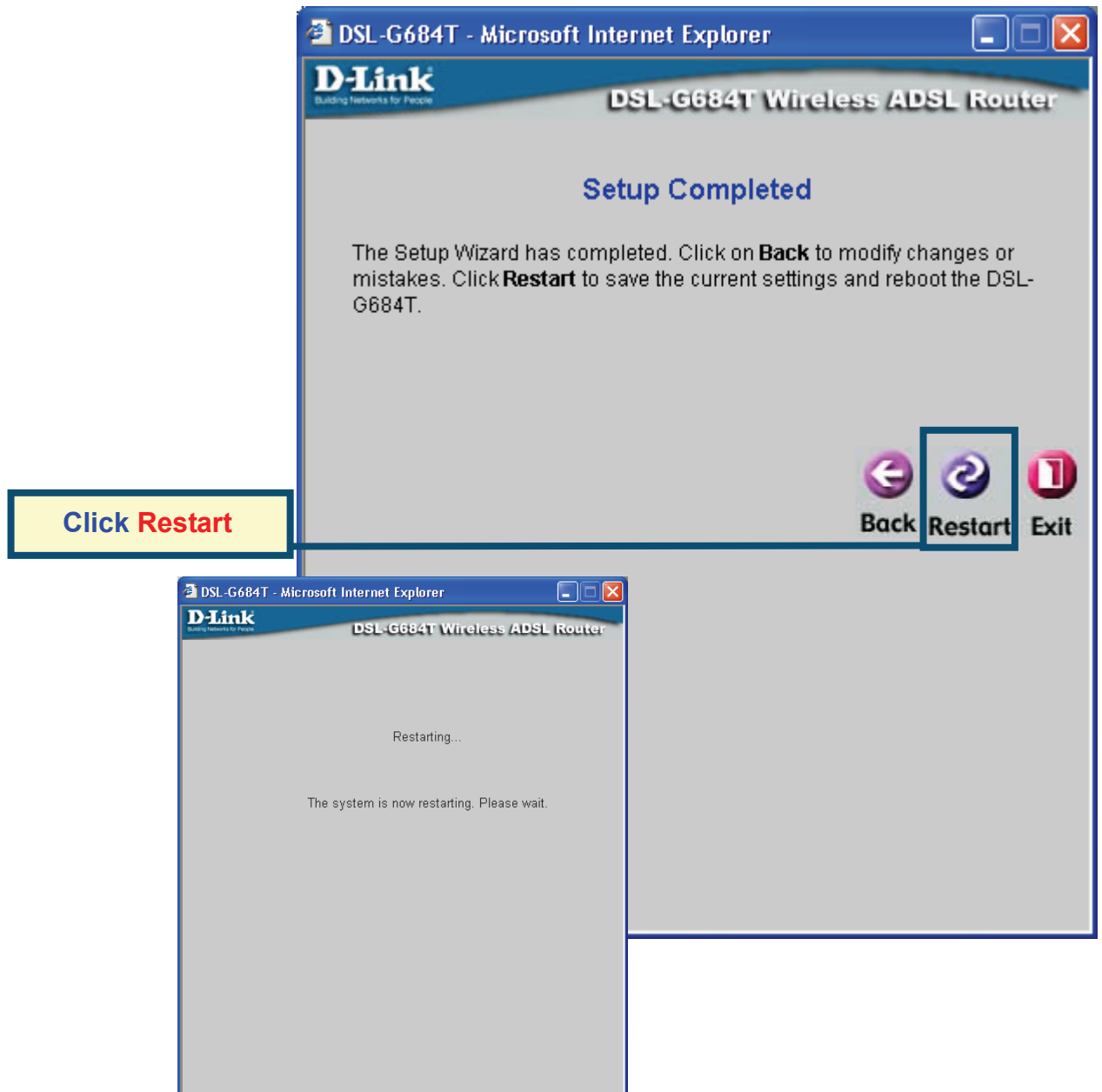
Click the **Next** button. Skip ahead to the **Setup Completed** menu.

2

Configuring the Router (continued)

Setup Completed

All the settings for the ADSL connection are now completed. Click the **Restart** button to save the new settings and restart the Router. It will take about two minutes to restart the Router.



While the Router is restarting, **DO NOT TURN OFF THE ROUTER**. Click the **Exit** button when the message appears informing you that the “device has rebooted successfully”. You can now launch your web browser to access the Internet.

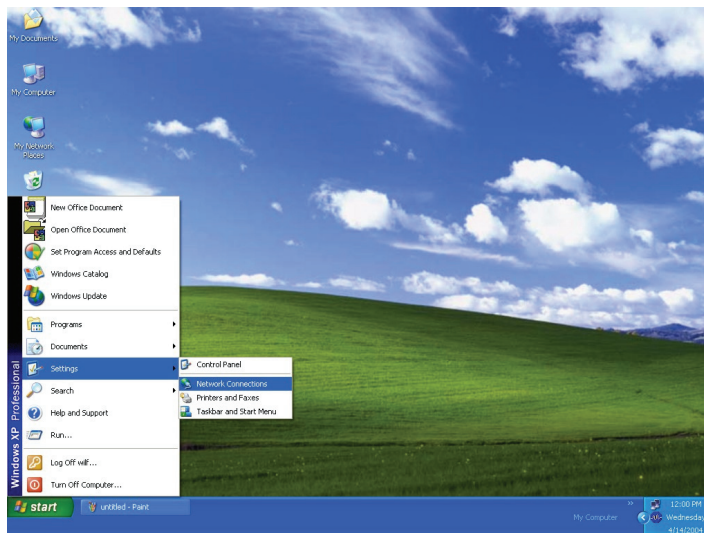
Appendix

For additional settings or information, refer to the **Advanced**, **Tools**, or **Status** tabs on the web-management interface; or to the manual located on the CD-ROM.

Configuring IP Settings in Windows XP

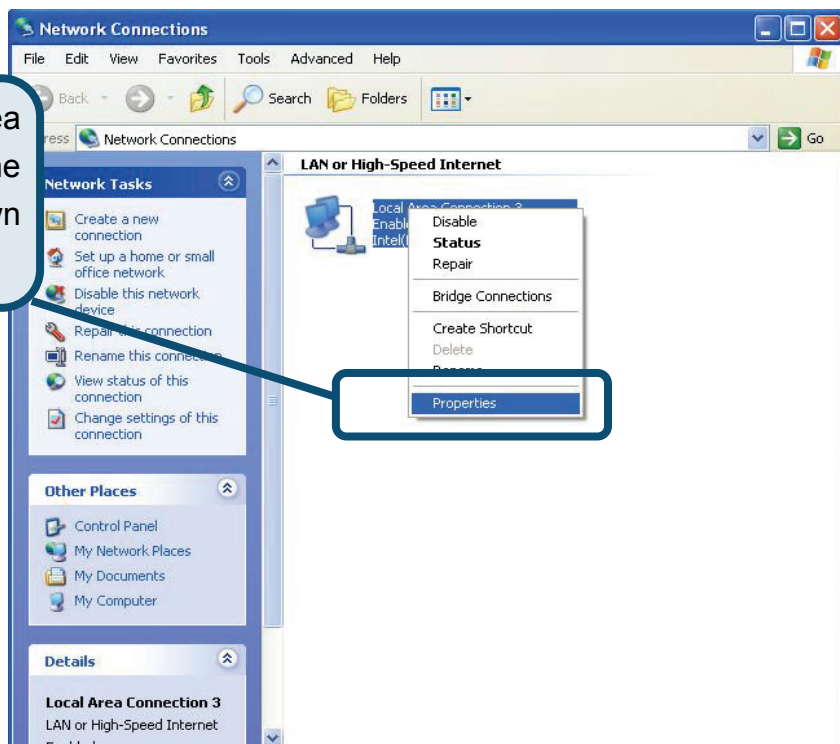
Use the following steps to configure a computer running Windows XP to be a DHCP client.

1. From the **Start** menu on your desktop, go to **Settings**, then click on **Network Connections**.

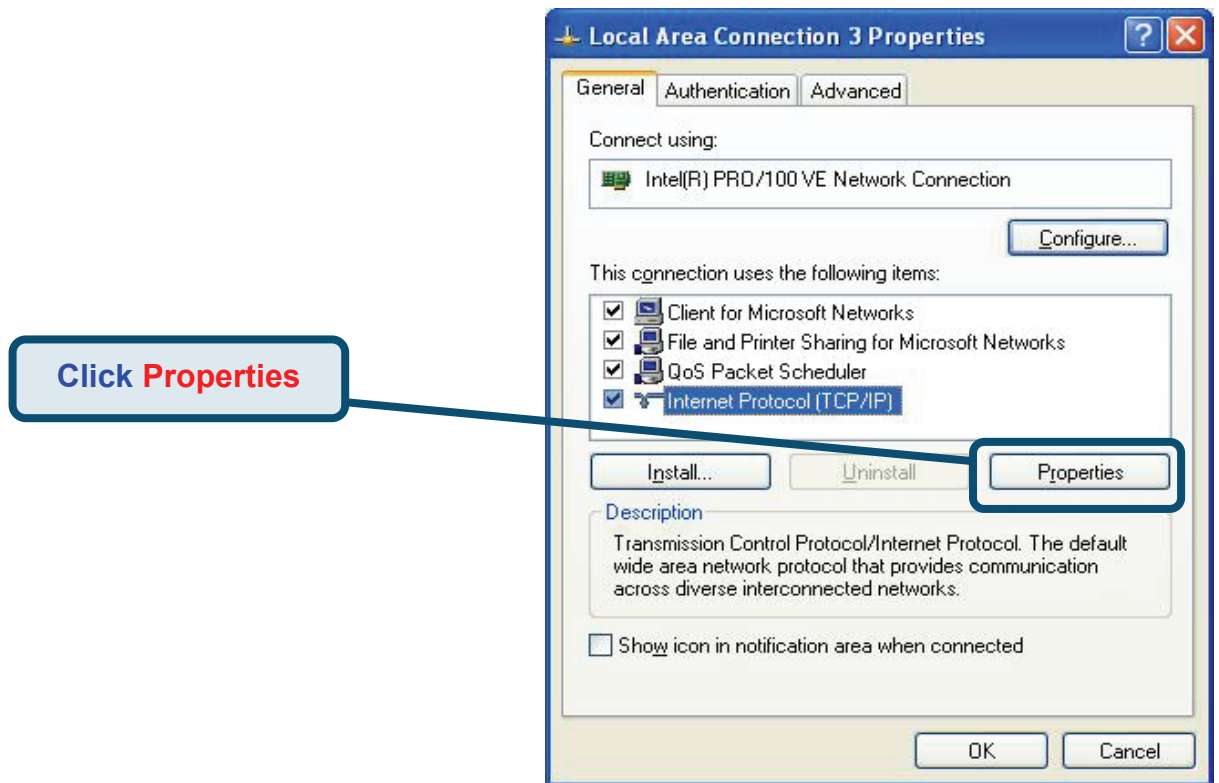


2. In the **Network Connections** window, right-click on **LAN** (Local Area Connection), then click **Properties**.

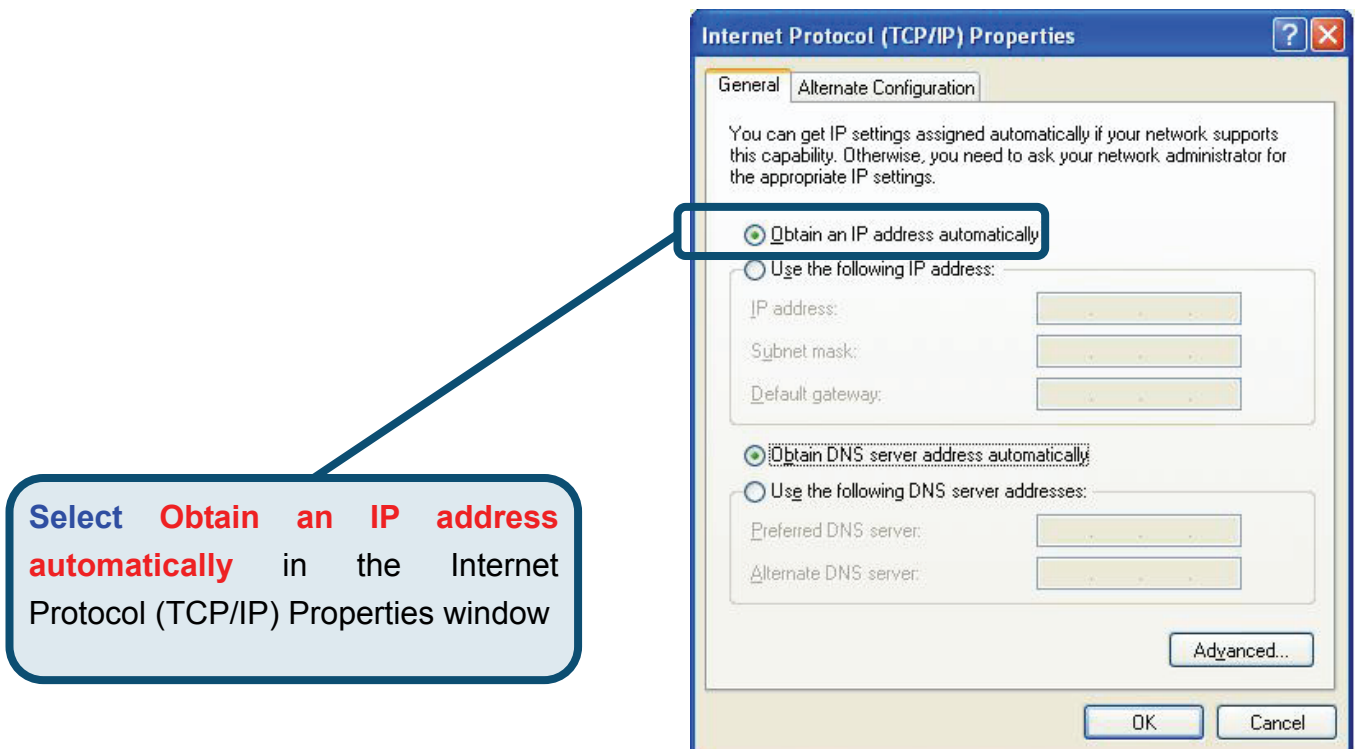
Right-click on the Local Area Connection icon and Select the **Properties** option from the pull-down menu.



3. In the **General** tab of the **Local Area Connection Properties** menu, highlight **Internet Protocol (TCP/IP)** under “This connection uses the following items:” by clicking on it once. Click on the **Properties** button.



4. Select “**Obtain an IP address automatically**” by clicking once in the circle. Click the OK button.



Your computer is now ready to use the Router's DHCP server.